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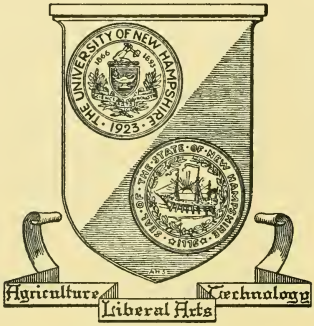

The University
of
New Hampshire

Bulletin 384 August, 1950

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION

Department of Agronomy

Results of Seed Tests for 1950

Made for the
STATE DEPARTMENT OF AGRICULTURE

By BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

RESULTS OF SEED TESTS
Made July 1, 1949, to June 30, 1950

This report contains the results of the seed inspection work for the State Department of Agriculture of 673 official samples collected throughout the state during the period from July 1, 1949, to June 30, 1950, by Mr. George Laramie, Seed Control Supervisor, and Mr. Harold Ayer, Inspector. In addition to these official samples, 1860 private samples were analyzed, making a total of 2533 samples inspected.

Wholesalers are listed in alphabetical order except when samples are presumed to have been carried over, in which case they are listed alphabetically by dealers. The New Hampshire seed law requires that both agricultural and vegetable seeds must be labeled with the calendar month and year when last tested for germination, and requires that this germination test shall have been completed within nine months of being offered for sale. In the following tables, if the date of test was within the prescribed nine months, the sample is marked satisfactory, "S" in this respect; if no date was given, the word "None" appears indicating a violation; if the date was a violation of the law because the test was not made within nine months, the date given on the tag or label appears in that column.

The first part of the report deals with 160 samples of agricultural seed tested for purity, germination and noxious weed content. There is a tolerance or allowable variation from the guarantee for both purity and germination, in accordance with the Rules for Seed Testing adopted by the Association of Official Seed Analysts, so that, for instance a sample of timothy guaranteed 99.20 for purity and 85% for germination could test as low as 98.25% for purity and 77% for germination and be "satisfactory." If a sample when tested for purity falls within the allowable variation, it is marked "S" (satisfactory); if below the allowable variation, and therefore a violation, the actual figure found for purity is given. The same is true for germination in the case of agricultural seeds.

The second part of the report applies to 513 samples of vegetable seeds which were tested for germination only. The New Hampshire seed law requires that unless each packet or other container is plainly marked "Below Standard" together with the percentage of germination, vegetable seeds must test up to the prescribed standard for that kind of seed, and that there is no tolerance from the adopted standards. In the column headed "Found" if the same was up to standard, an "S" (satisfactory) appears. The exception to this is in the case of a given sample being marked with a guarantee, which is not required if vegetable seed is up to standard; then, if the seed is found to be below the regular tolerance from that guaranteed figure, the figure found upon test followed by "†" is listed as "mislabeled" even though it might in some cases be up to standard.

The New Hampshire seed law and the rules and regulations thereunder, including the germination standards for vegetable seed, follow:

STATE OF NEW HAMPSHIRE

CHAPTER 224, REVISED LAWS
(As inserted by Chapter 54 Laws of 1943)

AN ACT

To Regulate the Labeling, Sale and Offering or Exposing for Sale, of Agricultural and Vegetable Seeds

Agricultural and Vegetable Seeds

1. **Definitions.** Terms used in this chapter shall be construed as follows:

I. The term "agricultural seeds" shall include the seeds of grass, forage, cereal and fiber crops and any other kinds of seeds commonly recognized within this state as agricultural or field seeds, and mixtures of such seeds.

II. The term "vegetable seeds" shall include the seeds of those crops which are grown in gardens or on truck farms and are generally known and sold under the name of vegetable seeds in this state.

III. The term "weed seeds" shall include the seeds of all plants generally recognized as weeds within this state, and shall include noxious weed seeds.

IV. Noxious weed seeds shall be divided into two classes, "primary noxious weed seeds" and "secondary noxious weed seeds" as herein defined; provided, that the commissioner of agriculture may add to or subtract from the list of seeds included under either definition whenever he finds that such additions or subtractions are within the respective definitions.

V. "Primary noxious weed seeds" shall include the seeds of perennial weeds such as those that reproduce and spread by underground roots or stems as well as by seed, and which, when established, are highly destructive and difficult to control in this state by ordinary good cultural practice. Primary noxious weed seeds in this state are the seeds of: Canada thistle (Cirsium arvense), field bindweed (Convolvulus arvensis), and quackgrass (Agropyron repens).

VI. "Secondary noxious weed seeds" shall include the seeds of such weeds as are very objectionable in field, lawns, or gardens of this state, but can be controlled by good cultural practices. The secondary noxious weed seeds in this state are the seeds of: dodder (Cuscuta spp.) and crab grass (Digitaria sanguinalis).

VII. The term "labeling" includes all labels, and other written, printed, or graphic representations, in any form whatsoever, accompanying and pertaining to any seed whether in bulk or in containers, and includes invoices.

VIII. The term "advertisement" means all representations, other than those on the label, disseminated in any manner or by any means, relating to seed within the scope of this chapter.

2. **Label Requirement.** Each separate container of agricultural or vegetable seed, including seeds in small packets, which is sold, offered for sale, or exposed for sale, within this state for sowing purposes shall bear thereon or have attached thereto in a conspicuous place a plainly written or printed label or tag in the English language, giving the information as set forth in sections 3 and 4.

3. **Agricultural Seeds.** For agricultural seeds the following is required:

I. Commonly accepted name of kind, or kind and variety, of each agricultural seed component in excess of five per cent of the whole and the percentage by weight of each. Where more than one component is required to be named, the word "mixture" or "mixed" shall be associated with the name on the label.

II. Lot number or other lot identification.

III. Origin, if known, of alfalfa, red clover and field corn (except hybrid corn). If the origin is unknown, that fact shall be stated.

IV. Percentage by weight of all weed seeds, including those known as noxious weeds.

V. Secondary noxious weeds. The name and approximate number of each kind of secondary noxious weed seed, per ounce in groups (A) and (B) and per pound in groups (C) and (D), when present singly or collectively in excess of—

(A) One seed or bulblet in each 5 grams of Agrostis spp., Poa spp., Rhodes grass, Bermuda grass, timothy, orchard grass, fescues (except meadow fescue), alsike and white clover, reed canary grass, Dallis grass, and other agricultural seeds of similar size and weight, or mixtures within this group;

(B) One seed or bulblet in each 10 grams of ryegrass, meadow fescue, foxtail millet, alfalfa, red clover, sweetclovers, lespedezas, smooth brome, crimson clover, Brassica spp., flax, Agropyron spp., and other agricultural seeds of similar size and weight, or mixtures within this group, or of this group with (A);

(C) One seed or bulblet in each 25 grams of proso, Sudan grass and other agricultural seeds of similar size and weight, or mixtures not specified in (A), (B), or (D);

(D) One seed or bulblet in each 100 grams of wheat, oats, rye, barley, buckwheat, sorghums (except Sudan grass), vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group.

All determinations of noxious weed seeds are subject to tolerances and methods of determination prescribed in the rules and regulations under this chapter.

VI. Percentage by weight of agricultural seeds other than those required to be named on the label.

VII. Percentage by weight of inert matter.

VIII. For each named agricultural seed, percentage of germination, exclusive of hard seed, percentage of hard seed, if present, and the calendar month and year the test was completed to determine such percentages.

IX. Name and address of the person who labeled said seed, or who sells, offers, or exposes said seed for sale within this state.

4. **Vegetable Seeds.** For vegetable seeds, the following is required:

I. Name of kind and variety of seeds, and the calendar month and year when last tested for germination.

II. For seeds which germinate less than the standard last established by the commissioner of agriculture hereunder, and in type not smaller than ten point size: percentage of germination exclusive of hard seed; percentage of hard seed, if present; and the words, "below standard."

III. Name and address of the person who labeled said seed, or who sells, offers or exposes said seed for sale within this state.

5. **Illegal Sales.** It shall be unlawful for any person to sell, offer for sale or expose for sale any agricultural or vegetable seed within this state:

I. Unless the test to determine the percentage of germination required by sections 3 and 4 shall have been completed within a nine-month period, exclusive of the calendar month in which the test was completed, immediately prior to sale, exposure for sale, or offering for sale or transportation.

II. Not labeled in accordance with the provisions hereof, or having a false or misleading labeling.

III. Pertaining to which there has been a false or misleading advertisement.

IV. Any agricultural seeds containing any primary noxious weed seeds except as may be allowed under tolerances prescribed in the rules and regulations hereunder.

6. **Prohibitions.** It shall be unlawful for any person within this state:

I. To detach, alter, deface, or destroy any label provided for herein or the rules and regulations made and promulgated hereunder, or to alter or substitute seed, in a manner that may defeat the purposes hereof.

II. To disseminate any false or misleading advertisement concerning agricultural or vegetable seed in any manner or by any means.

III. To hinder or obstruct in any way any authorized person in the performance of his duties hereunder.

IV. To fail to comply with a "stop sale" order.

7. **Exemptions.** The provisions of sections 2 to 6, inclusive, do not apply to seed or grain not intended for sowing purposes, nor to seed in storage in, or consigned to, a seed cleaning or processing establishment for cleaning or processing, provided, that any labeling or other representa-

tion which may be made with respect to the unclean seed shall be subject to the provisions hereof.

8. **Exceptions.** No person shall be subject to the penalties hereof for having sold, offered or exposed for sale in this state any agricultural or vegetable seeds, which were incorrectly labeled or represented as to kind, variety, or origin which seeds cannot be identified by examination thereof, unless he has failed to take all proper precautions to insure the identity to be that stated in accordance with rules and regulations hereunder.

9. **Duties and Authority of Commissioner of Agriculture.** The commissioner of agriculture, who may act through his authorized agents, shall have the power:

I. To sample, inspect, make analyses of, and test, agricultural and vegetable seeds transported, sold, offered or exposed for sale within this state for sowing purposes, at such time and place and to such extent as he may deem necessary to determine whether said agricultural or vegetable seeds are in compliance with the provisions hereof, and to notify promptly the person who transported, sold, offered or exposed the seed for sale, of any violation.

II. To prescribe, and after public hearing to adopt, rules and regulations governing the methods of sampling, inspecting, analysis, tests, and examination of agricultural and vegetable seed, and the tolerances to be followed in the administration hereof, which shall be in general accord with officially prescribed practice in interstate commerce, and such other rules and regulations as may be necessary to secure the efficient enforcement hereof.

III. To enter upon any public or private premises during regular business hours in order to have access to seeds subject to this chapter and the rules and regulations promulgated hereunder.

IV. To issue written or printed "stop sale" orders which shall prohibit further sale of any lot of agricultural or vegetable seed which the commissioner has reason to believe is in violation of any of the provisions hereof until the law has been complied with or said violation otherwise legally disposed of: Provided, that no "stop sale" order shall be issued or attached to any lot of seed without first giving the owner or custodian of such seed an opportunity to comply with the law or to withdraw the seed from sale.

V. To establish and maintain or make provision for seed testing facilities, to employ qualified persons, and to incur such expenses as may be necessary to comply with these provisions.

VI. To make or provide for making purity and germination tests of seeds for farmers and dealers on request; to prescribe rules and regulations governing such testing; and to fix and collect charges for the tests made. All fees collected hereunder shall be paid over by the commissioner to the state treasurer who shall keep the same in a special fund to be used only for purposes of this chapter.

VII. To cooperate with the United States Department of Agriculture in seed law enforcement.

10. **Seizure.** Upon the recommendation of the commissioner of agriculture or his duly authorized agents, the court of competent jurisdiction in the area in which the seed is located shall cause the seizure and subsequent denaturing, processing, or destruction to prevent the use for sowing purposes of any lot of agricultural or vegetable seed found to be unfit for sowing purposes: Provided, that in no instances shall the denaturing, processing, or destruction be ordered without first having given the claimant of said seed an opportunity to apply to said court for the release of said seed.

11. **Penalties.** Whoever violates any of the provisions of this chapter or any rule or regulation promulgated hereunder shall be fined not exceeding one hundred dollars for the first offense and not exceeding two hundred and fifty dollars for each subsequent offense. Fines collected hereunder shall be paid, by the court collecting the same, to the commissioner of agriculture and by him forwarded to the state treasurer for the use of the state.

12. **Publication.** The commissioner of agriculture shall publish, or cause to be published, the results of tests and analyses of samples of agricultural and vegetable seeds, as herein provided, together with the names and addresses of the persons from whom the samples of seed were obtained. He may publish such other information as he may deem advisable concerning the value, character and use of certain seeds.

13. **Takes Effect.** This act shall take effect upon its passage.

Approved March 10, 1943.

Sampling.

(a) In order to secure a representative sample, equal portions shall be taken from evenly distributed parts of the quantity of seed to be sampled. Access shall be had to all parts of that quantity.

(b) For free-flowing seed in bags or bulk, a probe or trier shall be used. For small free-flowing seed in bags, a probe or trier long enough to sample all portions of the bag should be used.

(c) Non-free-flowing seed, such as certain grass seed, uncleaned seed, or screenings, difficult to sample with a probe or trier, shall be sampled by thrusting the hand into the bulk and withdrawing representative portions.

(d) The portions shall be combined into a composite sample or samples.

(e) As the seed is sampled, each portion shall be examined, and, whenever there appears to be a lack of uniformity, additional samples shall be taken to show such lack of uniformity as may exist.

Bulk seeds shall be sampled by inserting a long probe or thrusting the hand into the bulk as circumstances require in several uniformly distributed parts of the quantity being sampled.

Bags. (1) In quantities of five bags or less, each bag shall be sampled.

(2) In quantities of more than five bags, at least every fifth bag but not less than five bags shall be sampled. Samples shall be drawn from unopened bags except under circumstances where the identity of the seed has been preserved.

In sampling packet seeds, entire unopened packets shall be taken.

Size of sample. The following are minimum weights of samples of seed to be submitted for analysis, test, or examination:

(1) Two ounces of grass seed not otherwise mentioned, white or alsike clover, or seeds not larger than these.

(2) Five ounces of red or crimson clover, alfalfa, ryegrass, bromegrasses, millet, flax, rape, or seeds of similar size.

(3) Two pounds of cereals, vetches, or seeds of similar or larger size.

(4) Two quarts of screenings.

Analysis.

The New Hampshire seed laboratory will be guided in making purity and germination tests by the rules and regulations prescribed under the Federal Seed Act.

Tolerance.

Owing to the natural variation between tests, the following tolerances shall be allowed between the percentages found by analysis, test or examination and the percentages stated on the tag accompanying the seed:

For purity: Allowing "a" to represent the component being considered and "b" the difference between that percentage and 100, according to the following formula:

$$\text{Pure seed tolerance} = 0.6 + \left(0.2 \times \frac{a \times b}{100} \right)$$

a sample of timothy guaranteed 99.20 would have an allowable variation of .75 or could test as high as 99.95 or as low as 98.45 and be "satisfactory."

For germination: The following tolerances are applicable:

Healthy sprouts found by test in each 100 seeds	Tolerance
96 or over	5
90 or over but less than 96	6
80 or over but less than 90	7
70 or over but less than 80	8
60 or over but less than 70	9
Less than 60	10

Therefore, a sample of seed guaranteed 85% for germination may be as high as 92% or as low as 78% and be "satisfactory."

For weed seeds: The law requires in the labeling of agricultural seed (1) that the percentage of all weed seeds present shall be shown on the tag, (2) that no primary noxious weed seeds shall be present in the sample, and (3) that secondary noxious weed seeds shall be given by name and approximate number, per ounce in groups (A) and (B) and per pound in groups (C) and (D), when present singly or collectively in excess of—

(A) One seed or bulblet in each 5 grams of Agrostis species, Poa species, Rhodes grass, Bermuda grass, timothy, orchard grass, fescues (except meadow fescue), alsike and white clover, reed canary grass, Dallis grass, and other agricultural seeds of similar size and weight, or mixtures within this group;

(B) One seed or bulblet in each 10 grams of ryegrass, meadow fescue, foxtail millet, alfalfa, red clover, sweetclovers, lespedezas, smooth brome, crimson clover, Brassica species, flax, Agropyron species, and other agricultural seeds of similar size and weight, or mixtures within this group, or of this group with (A);

(C) One seed or bulblet in each 25 grams of proso, Sudan grass and other agricultural seeds of similar size and weight, or mixtures not specified in (A), (B), or (D);

(D) One seed or bulblet in each 100 grams of wheat, oats, rye, barley, buckwheat, sorghum (except Sudan grass), vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group.

Certain tolerances are allowed, however, to provide for variations and unavoidable errors, but only within very narrow limits and for which there is always a standard formula for computation. Examples: (1) Timothy guaranteed only 2 per cent weed seeds will not be condemned if it

has a 2.59 per cent. (2) No primary noxious weed seeds are allowed, but the presence of two such seeds in 50 grams of timothy would not be considered a violation. (3) Similarly, some slight variation from the minimum requirement for labeling secondary noxious weed seeds will be passed as satisfactory.

Free Testing

The Seed Testing Laboratory will allow two free tests, in a given year, to any resident company or person of New Hampshire, but such seeds must be received in the laboratory during the months of October, November, December and January. This number of samples, not including mixtures, may be analyzed either for purity or for germination, or one sample for both purity and germination, free of charge. A given seed company will be entitled to two private tests without charge, but not two from each branch store. For numbers in excess of two, a charge will be made for labor and consumable supplies only, the amount depending on the type of sample according to the following schedule:

Germination tests of all vegetable seeds, 30 cents;

Germination tests of all agricultural crop seeds and grasses, 50 cents;

Germination tests of mixtures, 50 cents for each kind of seed present;

Purity analyses of cereals, timothy and larger crop seeds and legumes, $1.00;

Purity analyses of small grasses, $2.00; unhulled redtop, $2.50;

Purity analyses of mixtures, including those for lawn and pasture seeding, a charge sufficient to cover the actual cost of working the sample submitted for test, minimum charge of $2.50.

Such private samples of seed to be tested should be drawn in such a way as to be representative of the bulk lot from which they are taken, and should be addressed to the State Seed Testing Laboratory, Durham, New Hampshire. Such private tests cannot be declared as state official tests unless drawn by a representative of the department of agriculture, as provided in Chapter 224 of the Public Laws. Fees must be paid before reports will be sent out.

The minimum weights of samples to be submitted for analysis are:

1. Two ounces of grass seed, white or alsike clover, or seeds not larger than these.

2. Five ounces of red or crimson clover, alfalfa, rye grasses, millet, rape, or seeds of similar size.

3. One pound of cereal, vetches or seeds of similar or larger size.

The minimum number of seeds of any one kind to be submitted for a germination test is 400.

Germination Standards for Vegetable Seed.

Following are the germination standards established by the commissioner of agriculture pertaining to Section four of the act entitled Vegetable Seeds.

	Per cent
Artichoke	60
Asparagus, including hard seeds	70
Beans (except lima)	75
Beans, lima	70
Beets	65
Broccoli	75
Brussels sprouts	70
Cabbage	75
Carrot	55
Cauliflower	75
Celery and celeriac	55
Chicory	65
Citron	65
Collards	80
Corn	75
Cress, garden	40
Cress, water	25
Cucumber	80
Dandelion	45
Eggplant	60
Endive	70
Fetticus (cornsalad)	70
Kale	75
Kohlrabi	75
Leek	60
Lettuce	80
Muskmelon	75
Mustard	75
Okra	50
Onion	70
Parsley	60
Parsnip	60
Peas	80
Pepper	55
Pumpkin	75
Radish	75
Rhubarb	60
Rutabaga	75
Salsify	75
Sorrel	60
Spinach (except New Zealand)	60
Spinach (New Zealand)	40
Squash	75
Swiss chard	65
Tomato	75
Tomato, husk	50
Turnip	80
Watermelon	70

Labeling.

The following labels are suggested as meeting the minimum requirements of the New Hampshire seed law.

Example for unmixed agricultural seed:

John F. Doe Company
Greene, N. H.

Mammoth Clover

Pure seed	98.65
Crop seed	.86
Weeds	.38
Inert Matter	.11
Origin Idaho	

Lot No. 243

Germination	80%
Hard seeds	7
Date of test Jan. 1950	

1 dodder per oz.

Example for mixed agricultural seed:

John F. Doe Company
Greene, N. H.

Grass seed, mixed — Lot No. 0236

Purity:		Germination:	
Perennial rye grass	32.23%	92.5%	Jan. 1950
Chewing fescue	18.08	85.0%	Dec. 1949
Kentucky bluegrass	14.75	80.0%	Jan. 1950
Canada bluegrass	15.37	58.5%	Jan. 1950
Creeping bent	14.20	84.0%	Jan. 1950
Crop seed	.61		
Weed seed	2.07		
Inert matter	2.69		

5 Crabgrass per oz.

Example for vegetable seed:

(Up to standard) "New York Lettuce
John Smith, Dale, Ill.
Date of germination test: Feb. 7, 1950."

(For vegetable seed which germinates less than standard) "New York Lettuce
John Smith, Dale, Ill.
Date of germination test: Feb. 7, 1950."
Germination 75%
BELOW STANDARD

The law states that "each separate container of agricultural or vegetable seed, including seeds in small packets, shall be labeled"; but if a dealer has bulk lots of seeds exposed for sale and these bulk lots are properly labeled, he shall not be required to copy the information from the label on to each individual bag in which he delivers small lots of this bulk seed over the counter to customers.

New Hampshire Experiment Station
AGRICULTURAL SEED INSPECTION, 1950

Name and Address of Wholesaler Name and Address of Dealer Kind of Seed	Sample No.	Date Tested*		Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
				(Note)	(Note)	(Note)	(Note)	(Note)	
ALLEN, STERLING & LOTHROP, Portland, Me.									
Moulton & Goodwin, Portsmouth									
Spring Wheat, 8766	1857	S	L	99.01	.06	.03	.09	26	
			F	S	S	S	S	S	
Arthur L. Potter, Conway									
Hungarian Millet, 5833	2290	S	L	98.90	.90	.06	.14	85	Purity below guarantee; weed seeds & other crop seeds excessive.
			F	85.45	13.69	.80	S	S	
Buckwheat, Japanese, 86-23	2286	S	L	99.85	.01	.01	.13	90	
			F	S	S	S	S	S	
Japanese Millet, 5839	2287	S	L	98.84	.	1.10	.06	88	
			F	S	S	S	S	70.5	Germination below guarantee.
Red Clover, Acme, 2325	2288	S	L	99.30	.42	.04	.24	89	
			F	S	S	S	S	S	
Redtop, 2722	2289	S	L	92.26	2.06	.44	5.24	90	
			F	S	S	S	S	S	
E. W. BAILEY, Montpelier, Vermont									
Colebrook Grain Co., Colebrook									
Oats, Clinton, 134-150	2244	S	L	99.00	.50	.20	.30	95	
			F	S	S	S	S	S	
W. ATLEE BURPEE, Philadelphia, Pa.									
Industrial School, Manchester									
Mangel, Sludstrup	1690	S	L					65	
			F					S	
ARTHUR R. CONE, Buffalo, N. Y.									
W. R. Barnett Co., Colebrook									
Alsike Clover, 25-530	2278	S	L	97.81	1.64	.09	.46	68	
			F	S	S	S	S	A	
Brome Grass, 43-52	2279	S	L	90.35	.31	.08	9.26	90	
			F	S	S	S	S	S	
Japanese Millet, 90 x 177	2280	S	L	96.88	.00	3.00	.12	80	
			F	S	S	S	S	S	

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L=Label; F=Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation. A=Above guarantee.

Name and Address of Wholesaler Name and Address of Dealer Kind of Seed	Sample No.	Date Tested*		Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
				(Note)	(Note)	(Note)	(Note)	(Note)	
Cheshire Farmers' Exchange, Keene									
Redtop, 30-208	1674	S	L	92.50	.10	6.90	.50	90	
			F	S	S	S	S	S	
General Mills, Inc., Exeter									
Alfalfa, 28-482	2112	S	L	99.61	.03	.21	.10	58	
			F	S	S	S	S	A	
Buckwheat, Japanese, 58 x 135	2110	S	L	99.10	.72	.06	.12	96	
			F	S	S	S	S	S	
Oats, Clinton, 50-340	2113	S	L	99.50	.00	.00	.50	90	
			F	S	S	S	S	S	
Reed Canary Grass, 44-40	2111	S	L	99.05	.05	.25	.65	75	
			F	S	S	S	S	S	
General Mills, Inc., Nashua									
Alfalfa, Canada Grimm, 28-497	1678	S	L	99.24	.33	.27	.16	80	
			F	S	S	S	S	S	
Red Clover, Ontario Medium, 15-840	1676	S	L	99.16	.62	.04	.18	80	
			F	S	S	S	S	S	
Redtop, 30-208	1677	S	L	92.50	.10	.50	6.90	90	
			F	S	S	S	S	76	Germination below guarantee.
Lakes Region Feed & Supply Co., Laconia									
Alfalfa, 28-504	1979	S	L	99.22	.18	.40	.20	66	
			F	S	S	S	S	S	
Japanese Millett, 90 x 177	1980	S	L	96.88	.00	3.00	.12	80	
			F	S	S	S	S	S	
Timothy, 10 x 934	1978	S	L	99.60	.10	.15	.15	90	
			F	S	S	S	S	S	
Moulton & Goodwin, Portsmouth									
Ladino Clover, 1	1854	S	L	99.25	.15	.20	.40	62	
			F	S	S	S	S	A	
Rape, Dwarf Essex, 72-33	1856	S	L	99.70	.11	.04	.08	89	
			F	S	S	S	S	S	
Red Clover, Medium, 15 x 840	1853	S	L	99.16	.62	.04	.18	80	
			F	S	S	S	S	S	
Timothy, 10 x 907	1852	S	L	99.66	.04	.05	.25	85	
			F	S	S	S	S	S	
White Clover, 32-106	1858	S	L	99.16	.59	.20	.05	92	
			F	S	S	S	S	S	
F. B. Spaulding Co., Lancaster									
Alsike Clover, 25-531	2283	S	L	98.50	1.05	.20	.25	65	
			F	S	S	S	S	A	

Buckwheat, Japanese, 58-141	2285	S	L	99.50	.00	.10	.40	90
			F	S	S	S	S	S
Red Clover, Medium, 15-840	2284	S	L	99.16	.62	.04	.18	80
			F	S	S	S	S	S
Timothy, 5029	2282	S	L	99.60	.10	.05	.25	90
			F	S	S	S	S	S
Sunshine Feed Store, Contoocook								
Red Clover, Medium, 15-840	2135	S	L	99.16	.62	.04	.18	80
			F	S	S	S	S	A
Timothy, 10 x 93	2134	S	L	99.60	.10	.10	.20	90
			F	S	S	S	S	S
I. G. Young, North Stratford								
Alsike Clover, 25530	2276	S	L	97.81	1.64	.09	.46	68
			F	S	S	S	S	A
Buckwheat, Japanese, 58 x 13	2277	S	L	99.10	.72	.06	.12	96
			F	S	S	S	S	S
CRAVER-DICKINSON SEED CO., Buffalo, N. Y.								
Colebrook Grain Co., Colebrook								
Timothy, 66-568	2243	S	L	99.60	.20	.10	.10	90
			F	S	S	S	S	S
Farmers' Feed & Supply Co., Hillsboro								
Timothy, 66-568	1783	S	L	99.60	.20	.10	.10	90
			F	S	S	S	S	S
Folansbee Grain Co., Lebanon								
Alsike Clover, 21518	2172	S	L	98.75	1.15	.05	.05	71
			F	S	S	S	S	S
Brome Grass, 9719C	2171	S	L	93.44	.04	.02	6.50	94
			F	S	S	S	S	S
Hungarian Millet, 83-5	2173	S	L	98.36	.02	1.36	.24	81
			F	S	S	S	S	S
Redtop, 41-44	2174	S	L	92.00	1.50	.50	6.00	90
			F	S	S	S	S	S
THE ALBERT DICKINSON CO., Chicago, Ill.								
Merrimack Farmers' Exch., Inc., Bradford								
Alfalfa, Grimm, 2747	1951	S	L	99.26	.60	.08	.06	62
			F	S	S	S	S	S
Brome Grass, Lincoln type 9787	1952	S	L	88.00	.26	.18	11.56	85
			F	S	S	S	S	S
Red Fescue, Creeping, 34472	1950	S	L	98.05	.05	.05	1.85	90
			F	S	S	S	S	S

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Name and Address of Wholesaler Name and Address of Dealer Kind of Seed	Sample No.	Date Tested*		Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
				(Note)	(Note)	(Note)	(Note)	(Note)	
Merrimack Farmers' Exch., Inc., Henniker									
Timothy, 66191	2140	S	L	99.70	.05	.05	.20	90	
			F	S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Laconia									
Ladino Clover, 26956	1936	S	L	99.80	.05	.05	.10	62	
			F	S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Milford									
Alfalfa, Grimm, 27-3	1984	S	L	99.02	.42	.45	.11	80	
			F	S	S	S	S	S	
Alsike Clover, 21361	1982	S	L	99.00	.80	.10	.10	83	
			F	S	S	S	S	A	
Red Clover, Medium, 24851	1983	S	L	99.36	.50	.04	.10	65	
			F	S	S	S	S	S	
Timothy, 66191	1981	S	L	99.70	.05	.05	.20	90	
			F	S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Pittsfield									
Red Clover, Medium, 24851	1860	S	L	99.36	.50	.04	.10	65	
			F	S	S	S	S	A	
Timothy, 66191	1859	S	L	99.70	.05	.05	.20	90	
			F	S	S	S	S	S	
EASTERN STATES FARMERS' EXCHANGE, West Springfield, Mass.									
Eastern States Farmers' Exch., Manchester									
Alsike Clover, 1789	2159	S	L	99.20	.30	.20	.30	75	
			F	S	S	S	S	A	
Red Clover, 1774	2160	S	L	99.35	.40	.15	.10	79	
			F	S	S	S	S	S	
Redtop, Fancy Solid, 1720	2161	S	L	95.35	.50	.40	3.75	92	
			F	S	S	S	S	S	
Reed Canary Grass, 1764	2162	S	L	97.50	.30	.20	2.00	62	
			F	S	S	S	S	S	
Eastern States Farmers' Exch., Woodsville									
Buckwheat, 760	2240	S	L	99.50	.10	.05	.35	90	
			F	S	S	S	S	S	
Corn, Cornell, 29-3, 1805	2238	S	L	99.50	.00	.00	.50	90	
			F	S	S	S	S	A	
Field Peas, Canada, 539	2236	S	L	99.50	.00	.00	.50	90	
			F	S	S	S	S	S	
Hungarian Millet, 1757	2239	S	L	98.60	.10	1.10	.20	80	
			F	S	S	S	S	S	
Soybeans, 459	2237	S	L	99.25	.00	.00	.75	84	
			F	S	S	S	S	S	

HOLBROOK GROCERY CO., Keene, N. H.									
Holbrook Grocery Co., Keene									
Alfalfa, Grimm	2293	S	L	99.72	.06	.04	.18	65	
			F	S	S	S	S	S	
Barley, 6-row, 71-17	2303	S	L	98.69	.99	.01	.31	90	
			F	S	S	S	S	S	
Brome Grass, 97-22	1681	S	L	90.00	.10	.30	9.60	86	
			F	S	S	S	S	S	
Buckwheat, 08671	2304	S	L	99.86	.07	.01	.06	95	
			F	S	S	S	S	79	Germination below guarantee.
Hungarian Millet, 83120	2298	S	L	98.28	.02	1.30	.40	88	
			F	S	S	S	S	S	
Japanese Millet, 81-11	2301	S	L	99.35	.00	.62	.03	85	
			F	S	S	S	S	S	
Ladino Clover, 1	2302	S	L	99.58	.23	.00	.19	70	
			F	S	S	S	S	S	
Orchard Grass, 326	2291	S	L	92.57	.65	.15	6.63	85	
			F	S	S	S	S	S	
Rape, Essex, 75705	2297	S	L	99.61	.01	.15	.23	67	
			F	S	S	S	S	S	
Red Clover, Medium, 24896	2299	S	L	98.00	1.78	.10	.12	84	
			F	S	S	S	S	S	
Redtop, 41486	2294	S	L	93.60	1.40	.60	4.40	90	
			F	S	S	S	S	79.5	Germination below guarantee.
Sudan Grass, 98295	2296	S	L	98.75	.58	.01	.66	83	
			F	S	S	S	S	S	
Timothy, 66245	2292	S	L	99.50	.05	.35	.10	90	
			F	S	S	S	S	S	
Vetch, Hairy, 99238	2300	S	L	99.87	.01	.01	.11	78	
			F	S	S	S	S	S	
White Clover, 026922	2295	S	L	99.15	.25	.05	.55	84	
			F	S	S	S	S	S	
MERRIMACK FARMERS' EXCH., INC., Concord									
Merrimack Farmers' Exch., Inc., Bradford									
Japanese Millet, 120	1953	S	L	98.28	.00	1.64	.08	85	
			F	S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Epsom									
Alsike Clover, 2135051	2005	S	L	99.10	.65	.05	.20	75	
			F	S	S	S	S	A	
Red Clover, Medium, 24842	2006	S	L	99.66	.06	.26	.02	78	
			F	S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Henniker									
Rape, Dwarf Essex, 95705	2141	S	L	99.00	.09	.30	.61	87	
			F	S	S	S	S	S	

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Name and Address of Wholesaler Name and Address of Dealer Kind of Seed	Sample No.	Date Tested*		Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
				(Note)	(Note)	(Note)	(Note)	(Note)	
Merrimack Farmers' Exch., Inc., Laconia									
Brome Grass, 9787	1938	S	L	88.00	.26	.18	11.56	85	
			F	S	S	S	S	S	
Hungarian Millet, 83114	1937	S	L	98.10	.07	.67	.26	79	
			F	S	S	S	S	S	
White Dutch Clover, 026981-2	1939	S	L	98.30	1.05	.30	.35	81	
			F	S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Pittsfield									
Alfalfa, 27-3	1862	S	L	99.02	.42	.45	.11	90	
			F	S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Rochester									
Mangel Beets, Long Red, No. 3-1-D	1959	S	L					..	
			F					71	
Ladino Clover, 076956	1964	S	L	99.80	.05	.05	.10	62	
			F	S	S	S	S	49.5	Germination below guarantee.
Red Clover, Medium, 24851	1965	S	L	99.36	.50	.04	.10	65	
			F	S	S	S	S	A	
Redtop, 41461	1963	S	L	94.00	.01	.60	5.39	90	
			F	S	S	S	S	S	
PARK AND POLLARD, Biddeford, Me.									
Farmers' Feed & Supply Co., Colebrook									
Corn, Cornell, 29-3, 71256	2233	S	L	99.50	.00	.00	.50	92	
			F	S	S	S	S	S	
Field Peas, Canada, 6525	2232	S	L	98.57	.42	.02	.99	80	
			F	S	S	S	S	S	
Ladino Clover, 56 L 50	2235	S	L	99.60	.05	.05	.30	55	
			F	S	S	S	S	S	
Red Clover, Medium, 50625	2234	S	L	99.26	.68	.04	.02	90	
					S	S	S	S	
O. M. SCOTT & SONS CO., Marysville, Ohio									
Moreau's Hardware, Manchester									
White Dutch Clover, J 462	1773	S	L	98.00	.00	.09	1.91	70	
			F	A	S	S	S	A	
SEARS, ROEBUCK & CO., Chicago, Ill.									
Sears, Roebuck & Co., Nashua									
Grass Seed, Green Karpet, OD 954	1672	S	L	..	.80	.60	11.85	..	
			F	..	S	S	S		
Domestic Ryegrass			L	46.53				90	
			F	S				S	

Perennial Ryegrass			L	24.50				90	
			F	S				S	
Kentucky Bluegrass			L	10.20				72	
			F	S				S	
Redtop			L	5.52				85	
			F	S				S	
STANFORD SEED CO., Binghamton, N. Y.									
Chase Grain Mill, Plymouth									
Japanese Millet, 1351	1933	S	L	99.48	.00	.48	.04	90	
			F	S	S	S	S	59.5	Germination below guarantee.
Red Clover, Medium, 5236	1935	S	L	99.25	.24	.35	.16	84	
			F	S	S	S	S	S	
Redtop, 2499	1934	S	L	90.37	.00	.28	9.35	90	
			F	S	S	S	S	73	Germination below guarantee.
Timothy, 2141	1932	S	L	99.60	.05	.05	.30	90	
			F	S	S	S	S	76.5	Germination below guarantee.
Colebrook Grain Co., Colebrook									
Barley, 5205	2242	S	L	99.14	.56	.01	.29	90	
			F	S	S	S	S	S	
Corn, Early August, 2508	2241	S	L	99.00	..	..	1.00	90	
			F	S	S	S	S	A	
STANFORD SEED CO., Buffalo, N. Y.									
R. N. Johnson, Walpole									
Japanese Millet, 1351	1795	S	L	99.48	..	.48	.04	90	
			F	S	S	S	S	S	
Ladino Clover, 5919	1794	S	L	99.00	.40	.40	.20	75	
			F	S	S	S	S	A	63 dodder per pound found.
Red Clover, Medium, 5236	1793	S	L	99.25	.24	.35	.16	84	
			F	S	S	S	S	S	
STANFORD SEED CO., Binghamton, N. Y.									
Londonderry Grain Co., Londonderry									
Corn, Yellow Sweepstakes, 2821	2169	S	L	99.00	..	..	1.00	90	
			F	S	S	S	S	S	
Hungarian Millet, 2406	2170	S	L	98.76	.00	1.12	.12	85	
			F	S	S	S	S	71	Germination below guarantee.
Red Clover, 4451	2168	S	L	99.25	.45	.20	.10	76	
			F	S	S	S	S	A	
Timothy, 2405	2167	S	L	99.60	.07	.08	.25	90	
			F	S	S	S	S	S	

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Name and Address of Wholesaler Name and Address of Dealer Kind of Seed	Sample No.	Date Tested*		Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
				(Note)	(Note)	(Note)	(Note)	(Note)	
Meredith Grain Co., Meredith									
Alsike Clover, 5316	1992	S	L	97.50	1.50	.42	.58	80	
			F	S	S	S	S	S	27 Crabgrass per pound found.
Hungarian Millet, 2664	1989	S	L	98.50	.68	.33	.49	85	
			F	S	S	S	S	75.5	Germination below guarantee.
Japanese Millet, 1351	1993	S	L	99.48	..	.48	.04	90	
			F	S	S	S	S	S	
Red Clover, Medium, 5236	1990	S	L	99.25	.24	.35	.16	84	
			F	S	S	S	S	S	
Timothy, 2141	1991	S	L	99.60	.05	.05	.30	90	
			F	S	S	S	S	75.5	Germination below guarantee.
STANFORD SEED CO., Buffalo, N. Y.									
Merrimack Farmers' Exch., Henniker									
Corn, W. B. Sweepstakes, 5148	2142	S	L	99.00	..	..	1.00	92	
			F	S	S	S	S	S	
STANFORD SEED CO., Binghamton, N. Y.									
Wirthmore Grain Co., Nashua									
Hungarian Millet, 2406	1682	S	L	98.76	..	1.12	.12	85	
			F	S	S	S	S	67	Germination below guarantee.
Wirthmore Grain Co., Rochester									
Hungarian Millet, 2406	1969	S	L	98.76	.00	1.12	.12	85	
			F	S	S	S	S	S	
Japanese Millet, 5196	1967	S	L	98.22	.00	1.60	.18	90	
			F	S	S	S	S	S	
Redtop, 2308	1966	S	L	93.17	.00	.42	6.41	90	
			F	S	S	S	S	S	
Timothy, 2405	1968	S	L	99.60	.07	.08	.25	90	
			F	S	S	S	S	S	
WHITNEY SEED CO., Buffalo, N. Y.									
R. J. Barbin & Co., Berlin									
Alsike Clover, 1539	2275	S	L	99.45	.20	.15	.20	84	
			F	S	S	S	S	S	
Buckwheat, 8162	2273	S	L	99.68	.10	.09	.13	90	
			F	S	S	S	S	S	
Timothy, 1226	2274	S	L	99.60	.30	.05	.05	90	
			F	S	S	S	S	S	
Checkerboard Feed Store, Claremont									
Barley, Wisconsin No. 38, 80477	1945	S	L	99.20	.49	.02	.29	92	
			F	S	S	S	S	S	
Buckwheat, 6182	1943	S	L	99.68	.10	.09	.13	90	
			F	S	S	S	S	S	

Corn, West Branch Sweepstakes, 70608 ...	1940	S	L	99.50	..	..	.50	90	
			F	S	S	S	S	S	
Corn, Cornell 29-3, 21256	1942	S	L	99.50	..	..	.50	92	
			F	S	S	S	S	S	
Corn, Cornell 11, 70601	1944	S	L	99.50	..	..	.50	94	
			F	S	S	S	S	S	
Japanese Millet, 46559	1941	S	L	98.03	.01	1.92	.04	85	
			F	S	S	S	S	S	
Checkerboard Feed Store, Dover									
Hungarian Millet, 48529	1796	S	L	98.77	.10	.88	.25	80	
			F	S	S	S	S	S	
Timothy, 1224	1797	S	L	99.60	.10	.05	.25	90	
			F	S	S	S	S	S	
Checkerboard Feed Store, Lancaster									
Corn, Early August, 70618	2225	S	L	99.50	..	..	.50	90	
			F	S	S	S	S	S	
Checkerboard Feed Store, Manchester									
Brome Grass, 3887	2128	S	L	90.20	.10	.00	9.70	90	Purity below guarantee.
			F	67.28	S	S	32.66	S	Inert matter excessive.
Buckwheat, 8162	2129	S	L	99.68	.10	.09	.13	90	
			F	S	S	S	S	S	
Chewings Fescue, N. Z., 26623	2125	S	L	99.00	.40	.05	.55	85	
			F	S	S	S	S	S	
Hungarian Millet, 48529	2124	S	L	98.77	.10	.88	.25	80	
			F	S	S	S	S	S	
Kentucky Bluegrass, 3670	2127	S	L	87.15	.00	.23	12.62	80	
			F	S	S	S	S	S	
Ryegrass, Domestic, 44566	2126	S	L	99.32	.02	.46	.20	90	
			F	S	S	S	S	S	
Farmers' Feed & Supply Co., Claremont									
Alsike Clover, 1536	1973	S	L	99.64	.30	.02	.04	70	
			F	S	S	S	S	S	
Redtop, 40497	1970	S	L	92.00	1.25	.50	6.25	65	
			F	S	S	S	S	S	
Sudan Grass, 3026	1972	S	L	98.70	.65	.01	.64	85	
			F	S	S	S	S	S	
Sweet Clover, Yellow Blossom, 5544	1974	S	L	99.92	.02	.04	.02	74	
			F	S	S	S	S	S	

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				(Note)	(Note)	(Note)	(Note)	(Note)	
Farmers' Feed & Supply Co., Hillsboro									
Alsike Clover, 1532	1784	S	L	98.90	.50	.45	.15	76	
			F	S	S	S	S	S	
Corn, Leaming, 70567	1788	S	L	99.50	.	.	.50	90	
			F	S	S	S	S	S	
Redtop, 40499	1786	S	L	93.28	.53	.22	5.97	90	Purity and germination below
			F	89.92	1.36	S	8.45	74.5	guarantee; other crop seeds and inert matter excessive.
Farmers' Feed & Supply Co., Lancaster									
Barley, 80548	2272	S	L	98.24	.11	1.64	.01	90	
			F	S	S	S	S	S	
Brome Grass, Lincoln, 3886	2270	S	L	87.30	.23	1.03	11.44	90	
			F	S	S	S	S	S	
Buckwheat, Japanese, 159	2269	S	L	99.85	.01	.01	.13	90	
			F	S	S	S	S	S	
Japanese Millet, 46559	2271	S	L	98.03	.01	1.92	.04	85	
			F	S	S	S	S	S	
Farmers' Feed & Supply Co., Lebanon									
Barley, 6-row, 80442	2175	S	L	98.75	.96	.01	.28	92	
			F	S	S	S	S	S	
Corn, Leaming, 70610	2176	S	L	99.50	.00	.00	.50	89	
			F	S	S	S	S	S	
Corn, Yellow Sweepstakes, 70605	2177	S	L	99.50	.00	.00	.50	90	
			F	S	S	S	S	S	
Sudan Grass, 3026	2178	S	L	98.70	.65	.01	.64	85	
			F	S	S	S	S	S	
Farmers' Feed & Supply Co., Newport									
Hungarian Millet, 48529	1975	S	L	98.77	.10	.88	.25	80	
			F	S	S	S	S	S	
Ladino Clover, 56150	1977	S	L	99.60	.05	.05	.30	55	
			F	S	.68	S	S	A	Other crop seeds excessive.
Timothy, 1221	1976	S	L	99.60	.20	.10	.20	90	
			F	S	S	S	S	S	
E. C. & W. L. Hopkins Co., Greenfield									
Japanese Millet, 46559	1947	S	L	98.03	.01	1.92	.04	85	
			F	S	S	S	S	S	
Red Clover, Medium, 50624	1946	S	L	99.08	.84	.06	.02	90	
			F	S	S	S	S	81	Germination below guarantee.

Redtop, 40497	1949	S	L	92.00	1.25	.50	6.25	85	
			F	S	S	S	S	S	
Timothy, 1224	1948	S	L	99.60	.10	.05	.25	90	
			F	S	S	S	S	S	
Moreau's Hardware, Manchester									
White Clover for Lawns, Lot P 2148	1774	S	L	97.00	1.00	.30	1.70	80	
			F	S	S	S	S	S	
It is presumed that the following sample of seed was carried over by the dealer from the previous season; hence, the name of the wholesaler is omitted.									
Merrimack Farmers' Exch., Inc., Exeter									
Alsike Clover	1747	5/1949	L	99.10	.65	.05	.20	75	No lot No. given.
			F	S	S	S	S	A	Not tested within 9 months.

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New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1950

Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*	Germination		
			Found	Guaran-teed**	N. H. Standard
			(Note)		
ALLEN, STERLING & LOTHROP, Portland, Me.					
Carroll County Hardware, North Conway					
Beans, Kentucky Wonder	2189	S	S	90	75
Beans, Bountiful	2190	S	S	90	75
Peas, Blue Bantam	2188	S	S	90	80
Peas, Gradus	2191	S	S	90	80
Moulton Store, Ossipee					
Peas, Tall Telephone	2192	S	S	90	80
Peas, World's Record	2193	S	66	90	80
Peas, Thomas Laxton	2194	S	S	85	80
Peas, Gradus	2195	S	S	90	80
ASSOCIATED SEED GROWERS, INC., Milford, Conn.					
Ayers & Jenkins Co., Rochester					
Peas, Sutton's Excelsior	2020	S	S	86	80
Peas, World's Record	2021	S	S	90	80
Peas, Dwarf Telephone	2022	S	56	80	80
Farmers' Feed & Supply Co., Claremont					
Corn, Golden Sunshine	1971	S	S	80	75
Farmers' Feed & Supply Co., Hillsboro					
Cucumber, Marketer	1789	S	S	80	80
Glazier & Fox Inc., Portsmouth					
Carrots, Nancy	1891	S	S	55	55
Haskins Hardware, Wolfeboro					
Beans, Dwarf Horticultural	2196	S	S	90	75
Beans, Kentucky Wonder Pole	2197	S	S	77	75
Carrot, Danvers Half Long	2198	S	S	83	55
Corn, Alphagold	2199	S	S	..	75
Corn, Golden Bantam	2200	S	S	..	75
Marcotte's Hardware, Epping					
Carrot, Imperator	1893	S	S	55	55
Meredith Grain Co., Meredith					
Beet, Asgrow Wonder	1994	S	S	70	65
Merrimack Farmers' Exch., Inc., Concord					
Beans, Tenderlong, 1-1-D	1664	S	S	85	75
Beans, French Horticultural	1665	S	S	80	75
Moulton & Goodwin, Portsmouth					
Beans, Boston Pea	1850	S	66	85	75
Lima Beans, Fordhook Bush	1849	S	55	90	70
New Zealand Spinach	1851	S	54†	71	40
Northern Hardware, Littleton					
Beans, Golden Wax Improved	2207	S	S	80	75
Beets, Detroit Dark Red	2208	S	S	80	65
Corn, Golden Bantam	2206	S	S	90	75
Thompson & Hoague Co., Concord					
Cucumber, Cubit	1900	S	S	..	80
BRECK'S, Boston, Mass.					
Borcher's Hardware, Salem Depot					
Carrot, Chantenay	1735	S	S	55	55
Onion, Red Wethersfield	1734	S	S	75	70

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			(Note)		
Derby's Dep't Store, Peterboro					
Beans, Pencil Pod Black Wax Bush	1817	S	S	80	75
Corn, Golden Bantam	1816	S	S	85	75
Peas, Telephone	1815	S	S	85	80
Gardner Hardware, Concord					
Carrot, Golden Beauty	1897	S	S	55	55
Watermelon, Harris Earliest	1896	S	S	..	70
Halladay's Hardware, Hillsboro					
Beet, Detroit Dark Red	2136	S	S	70	65
Corn, Marcross	2139	S	S	90	75
Peas, Blue Bantam	2137	S	S	85	80
Peas, World's Record	2138	S	S	90	80
Hardware House, Durham					
Cabbage, Copenhagen Market	1782	S	S	80	75
Pepper, Long Red Cayenne	1776	S	S	65	55
Tomato, Certified Marglobe	1802	S	S	80	75
Turnip, Purple Top Strap Leaf	1777	S	S	80	80
P. A. Hicks & Son, Colebrook					
Cabbage, Early Jersey Wakefield	2220	S	S	80	75
Cucumber, Boston Pickling	2221	S	S	80	80
Peas, Dwarf Improved Hundredfold	2219	S	S	85	80
Watermelon, Harris Earliest	2222	S	S	75	70
Laconia Hardware, Laconia					
Beans, Goddard String Beans	2008	S	S	..	75
Peas, Little Marvel	2007	S	S	..	80
Peas, Tall Telephone	2009	S	S	..	80
Peas, Nott's Excelsior	2010	S	S	..	80
Neal's Hardware, Derry					
Cucumber, Straight Eight	1719	S	S	80	80
Lettuce, Slobolt	1721	S	S	80	80
New Zealand Spinach	1722	S	S	45	40
Parsnip, Hollow Crown	1720	S	S	60	60
Pepper, Early Calwonder	1723	S	S	60	55
Peterboro Hardware, Peterboro					
Celery, Giant Pascal	1846	S	S	..	55
Spinach, Bloomsdale	1847	S	S	65	60
Radish, French Breakfast	1848	S	S	80	75
Rand Hardware, Plymouth					
Beans, Vermont Cranberry	1998	S	S	85	75
Beans, Dwarf Horticultural	1999	S	S	85	75
Beans, Pencil Pod Black Wax	2001	S	S	84	75
Peas, Improved Telephone	2000	S	S	96	80
Peas, World's Record	2002	S	S	90	80
Reddy's Market, Contoocook					
Cabbage, Danish Ballhead	2165	S	S	75	75
Lettuce, Slobolt	2166	S	S	80	80
Tomato, Earliana	2163	S	66	80	75
Tomato, Rutgers	2164	S	S	80	75
Wendell's, Portsmouth					
Muskmelon, Bender's Surprise	1930	S	S	80	75
Parsley, Plain	1928	S	S	60	60
Pumpkin, Small Sweet Sugar	1925	S	S	80	75
Radish, Sparkler	1926	S	S	80	75
W. ATLEE BURPEE, Philadelphia, Pa.					
Glazier & Fox, Inc., Portsmouth					
Mustard, Southern Giant Curled	1887	S	S	80	75
Rutabaga, Improved American Purple Top	1888	S	S	85	75
Squash, Golden Summer Crookneck	1885	S	S	80	75
Industrial School, Manchester					
Beets, Detroit Dark Red No. 115	1689	S	S	84	65
Corn, Golden Cross Bantam No. 309	1691	S	S	97	75
Peas, Freezonian No. 748	1692	S	S	85	80

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Laconia State School, Laconia					
Beans, Bush French Horticultural	1653	None	S	..	75
Beans, Bush Plentiful	1654	None	S	..	75
Beets, Crosby's Egyptian	1659	None	S	..	65
Beets, Detroit Dark Red No. 115	1660	None	S	..	65
Carrot, Tendersweet No. 232	1656	None	S	..	55
Corn, Burpee's Golden Bantam	1655	None	S	..	75
Peas, World's Record	1652	None	S	..	80
Squash, Colby's Blue Hubbard	1658	None	20	..	75
N. H. State Hospital Farm, Concord					
Lettuce, Great Lakes	1744	S	S	85	80
N. H. Stores, Inc., Manchester					
Cabbage, Pe-Tsai	1753	S	S	80	75
Muskmelon, Pride of Wisconsin	1752	S	58.5	85	75
Okra, Perfected Perkins' Long Green Pod	1754	S	51†	75	50
Parsley, Extra Curled Dwarf or Emerald	1755	S	S	70	60
Parsnip, Guernsey	1757	S	S	70	60
Pepper, California Wonder	1756	S	S	70	55
Radish, Scarlet Globe	1758	S	S	80	75
COMSTOCK, FERRE & CO., Wethersfield, Conn.					
Spaulding Grain Co., Nashua					
Carrot, Danvers Half Long	1693	None	S	..	55
Peas, Dwarf Telephone	1694	None	72	..	80
Peas, World's Record	1695	None	S	..	80
CROSMAN SEED CORP., East Rochester, N. Y.					
S. S. Kresge Co., Concord					
Beet, Crosby's Egyptian	1923	S	S	65	65
Carrot, Improved Long Orange	1921	S	S	60	55
Cauliflower, Early Snowball	1922	S	S	..	75
Cucumber, National Pickling	1920	S	S	80	80
Onion, Yellow Globe Danvers	1917	S	S	70	70
Parsnip, Improved Hollow Crown	1918	S	S	60	60
Swiss Chard, Fordhook Giant	1919	S	S	65	65
Montgomery Ward Co., Claremont					
Beet, Detroit Dark Red	2062	S	S	65	65
Carrot, Coreless Nantes	2056	S	S	60	55
Cucumber, Arlington White Spine	2061	S	S	80	80
Lettuce, Black Seeded Simpson	2054	S	S	85	80
Lettuce, Big Boston Head Lettuce	2059	S	72	80	80
Muskmelon, Bender's Surprised	2055	S	S	..	75
New Zealand Spinach	2058	S	S	70	40
Onion, Yellow Globe Danvers	2060	S	S	70	70
Parsnip, Hollow Crown	2051	S	S	65	60
Pepper, California Wonder	2052	S	S	70	55
Spinach, Bloomsdale Summer Savoy	2057	S	S	60	60
Turnip, Purple Top White Globe	2053	S	S	85	80
EASTERN STATES FARMERS' EXCH., Springfield, Mass.					
Eastern States Farmers' Exch., Concord					
Cabbage, Short Stem Ballhead	1827	S	S	80	75
Lettuce, Pennlake	1829	S	S	90	80
Muskmelon, Emerald Gem	1826	S	S	85	75
Onion, Utah Valencia	1828	S	S	80	70
Eastern States Farmers' Exch., Dover					
Beet, Crosby Early Wonder	1812	S	S	70	65
Beet, Perfected Detroit	1813	S	S	90	65
Lettuce, Imperial 456	1811	S	S	80	80
Peas, Little Marvel	1814	S	S	80	80
Eastern States Farmers' Exch., Manchester					
Lettuce, Great Lakes	2157	S	S	90	80
Parsley, Paramount	2158	S	S	60	60
Pumpkin, Conn. Field	2155	S	S	75	75
Rutabaga, Bristol White	2156	S	S	80	75

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			(Note)		
N. H. State Prison, Concord					
Beans, Pencil Pod Black Wax, D 318	1643	S	S	90	75
Carrot, Long Chantenay, B 4518	1650	S	S	75	55
Corn, Golden Rule Yellow Hybrid, 04510	1644	S	S	90	75
Cucumber, Straight 8, B 619	1645	S	S	80	80
Parsnip, Improved Hollow Crown, A 610	1651	S	S	75	60
Radish, Early Scarlet Globe, A 3210	1647	S	S	90	75
Squash, Golden Delicious, 519	1648	S	S	90	75
Squash, Green Delicious, 610	1649	S	S	80	75
Swiss Chard, Fordhook Giant Savoyed	1646	S	S	90	65
EMPIRE SEED CO., INC., Fredonia, N. Y.					
Aldrich's Store, North Haverhill					
Beet, Early Blood Turnip	2255	S	S	65	65
Cucumber, Longfellow	2256	S	S	80	75
Endive, Escaroli Broad Leaved Batavian	2253	S	S	70	70
Radish, White Icicle	2254	S	S	75	75
Bernard Hardware, East Jaffrey					
Beet, Early Wonder	1824	S	S	65	65
Carrot, Nantes Coreless	1822	S	S	55	55
Cucumber, Improved Long Green	1823	S	57	80	80
New Zealand Spinach	1825	S	S	40	40
Edmund's Dept. Store, Henniker					
Carrot, Danvers Half Long	2105	S	S	55	55
Rutabaga, American Purple Top	2106	S	S	75	75
Tomato, Oxheart	2107	S	64.5	75	75
Emerson's 5 & 10, Groveton					
Cabbage, Danish Ballhead	2214	S	S	75	75
Cabbage, Chinese Chihli	2215	S	63	75	75
Carrot, Chantenay	2216	S	S	55	55
Corn, Golden Sunshine	2212	S	S	75	75
Lettuce, Black Seeded Simpson	2218	S	71	80	80
Peas, Laxtonian	2213	S	67	80	80
Tomato, Ponderosa or Beefsteak	2217	S	67	75	75
Farmers' Feed & Supply Co., Lancaster					
Beet, Detroit Dark Red	2266	S	S	65	65
Cucumber, Boston Pickling	2268	S	64.5	80	80
Lettuce, Black Seeded Simpson	2267	S	66	80	80
Swiss Chard, Lucullus	2265	S	S	65	65
FERRY-MORSE SEED CO., Detroit, Mich.					
Ayers & Jenkins Co., Rochester					
Beet, Detroit Dark Red	2023	S	S	70	65
Carrot, Nantes Strong Top	2029	S	S	60	55
Lettuce, Prizehead	2028	S	S	90	80
Lettuce, Grand Rapids	2030	S	S	90	80
Bartlett Dept. Store, Pittsfield					
Beet, Crosby's Egyptian	1903	S	S	70	65
Carrot, Red Cored Chantenay	1901	S	S	55	55
Cucumber, Early White Spine	1902	S	S	85	80
Concord Hardware, Concord					
Beans, Stringless Green Pod	1819	S	S	80	75
Corn, Golden Bantam Early	1820	S	S	80	75
Peas, Little Marvel Dwarf	1821	S	S	85	80
Turnip, Purple Top White Globe	1818	S	S	..	80
Edmond's Store, Bennington					
Carrot, Danvers Half Long	1838	S	S	65	55
Cucumber, Straight 8	1839	S	S	90	80
Lettuce, New York	1840	S	S	..	80
Martin & Batchelder, Meredith					
Beans, Tendergreen	2031	S	S	80	75
New Zealand Spinach	2032	S	S	65	40
Onion, Sweet Spanish	2033	S	S	75	70
Parsley, Hamburg Thick-rooted	2034	S	S	..	60
J. J. Newberry, Concord					
Onion, Southport Yellow Globe	1640	S	S	80	70
Parsnip, Hollow Crown	1639	S	S	70	60

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L. L. Peavey Co., Inc., Portsmouth					
Beans, Top Notch Golden Wax	1875	S	71	80	75
Beet, Early Blood Turnip	1883	S	S	70	65
Cabbage, Early Jersey Wakefield	1882	S	S	85	75
Rutabaga, American Purple Top	1881	S	S	..	75
Swiss Chard, Large Ribbed Dark Green	1880	S	S	80	65
FREDONIA SEED CO., Fredonia, N. Y.					
City Hardware, Berlin					
Beet, Early Eclipse	2249	S	S	65	65
Lettuce, Romaine (Paris White Cos)	2251	S	S	80	80
Lettuce, Iceberg	2252	S	S	80	80
Muskmelon, Honey Rock	2250	S	60	75	75
Parsley, Plain Broad Leaved	2248	S	S	60	60
Jenkins Store, Reeds Ferry					
Beet, Early Eclipse	1730	S	S	65	65
Radish, Early Scarlet Globe	1731	S	S	75	75
Red & White, Conway					
Beans, Bush Golden Wax	2227	S	S	80	75
Cucumber, Early Cluster	2230	S	S	80	80
Lettuce, Grand Rapids	2228	S	S	80	80
Parsley, Doubled Curled	2229	S	S	60	60
Peas, Premium Gem	2226	S	S	80	80
Valley Food Store, Winchester					
Carrot, Danvers Half Long	1737	S	S	55	55
Onion, White Bunching	1736	S	65.5	70	70
White Cross Market, Raymond					
Cucumber, Improved White Spine	1910	S	S	80	80
Endive, Full Heart Batavian	1912	S	S	70	70
Spinach, Bloomsdale Long Standing	1911	S	43	60	60
THE CHAS. C. HART SEED CO., Wethersfield, Conn.					
The County Stores, Milford					
Carrot, Scarlet Nantes Coreless	2097	S	S	55	55
Muskmelon, Hale's Best	2099	S	S	75	75
Pepper, Hot Bull Nose	2098	S	S	55	55
Turnip, Yellow Globe	2100	S	S	80	80
Depot Store, Littleton					
Corn, Golden Bantam	2187	S	S	84	75
Peas, Thomas Laxton	2184	S	S	80	80
Peas, Laxtonian	2185	S	S	90	80
Peas, Tall Telephone	2186	S	S	85	80
Exeter Feed & Supply Co., Exeter					
Beet, Early Wonder	1729	S	S	65	65
Carrot, Nantes Coreless	1728	S	S	55	55
Farmers' Feed & Supply Co., Hillsboro					
Squash, Blue Hubbard	1791	S	40	75	75
Swiss Chard, Dark Green	1792	S	S	65	65
E. J. Keegan Co., Franklin					
Cucumber, Straight 8	2077	S	64	85	80
Endive, Green Curled	2073	S	S	70	70
Lettuce, Big Boston	2078	S	S	80	80
Pop Corn, South American	2079	S	S	75	..
Milligan & Currier, Manchester					
Beet, Early Blood Turnip	1759	S	S	65	65
Cucumber, Highmoor	1760	S	S	80	80
Lettuce, Iceberg	1761	S	S	80	80
Parsnip, Hollow Crown	1763	S	S	60	60
Turnip, Yellow Globe	1762	S	S	80	80
Spencer Hardware, Keene					
Carrot, Danvers Half Long, Stump Root	1700	S	S	..	55
Radish, Early White Tipped Scarlet	1699	S	S	75	75
Swiss Chard, Dark Green	1701	S	S	65	65

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Sunshine Feed Store, Manchester					
Beet, Crosby's Egyptian	1916	S	S	83	65
Cucumber, Improved Long Green	1915	S	S	90	80
Pepper, California Wonder	1914	S	S	70	55
Rhubarb Chard, Bietola	1913	S	S	65	65
BUDD D. HAWKINS, Reading, Vt.					
F. W. Baldwin, Pittsburg					
Peas, Thomas Laxton	2204	S	S	80	80
Peas, Tall Telephone	2205	S	S	80	80
Beauds' Hardware, Hillsboro					
Beans, Cranberry Shell	2154	S	S	75	75
Corn, Improved Golden Bantam	2152	S	S	75	75
Peas, Nott's Excelsior	2151	S	S	80	80
Peas, Tall Telephone	2153	S	S	80	80
Esersky's Hardware & Plumbing Supply, Claremont					
Beet, Detroit Dark Red	2084	S	S	65	65
Parsley, Carter's Champion Moss Curled	2085	S	39.5	..	60
J. Jones & Son, Alton					
Beet, Early Wonder	1907	S	S	65	65
Rutabaga, Improved Purple Top, Hardy Swede	1908	S	67	75	75
Squash, Butternut	1909	S	S	75	75
Keene Grain Co., Keene					
Carrot, Danvers Half Long Orange	1741	S	S	55	55
J. H. Kiniry Hardware, Claremont					
Beans, Pencil Pod Black Wax	2047	S	S	75	75
Muskmelon, Banana	2050	S	S	75	75
Squash, Golden Hubbard	2048	S	S	75	75
Squash, Butternut	2049	S	S	75	75
Red & White, Antrim					
Beet, Early Blood Turnip	1830	S	S	65	65
New Zealand Spinach	1832	S	S	40	40
Radish, Early Scarlet Turnip	1833	S	S	75	75
Tomato, True Giant Ponderosa	1831	S	S	75	75
Silsby & Johnson, Inc., Newport					
Cabbage, True Early Winningstadt	2104	S	S	75	75
Cucumber, Davis Perfect	2103	S	S	80	80
Lettuce, Cos or Romaine	2101	S	46	80	80
Radish, New French Breakfast	2102	S	S	75	75
Spencer Hardware, Keene					
Beet, Crosby's Egyptian	1697	S	S	65	65
New Zealand Spinach	1696	S	S	40	40
Parsnip, Improved Hollow Crown	1698	S	S	60	60
E. David Sweet, Winchester					
Cucumber, Boston Pickling	1733	S	58	80	80
Onion, Large Red Wethersfield	1732	S	S	70	70
Woodsville Hardware, Woodsville					
Carrot, Improved Long Orange	2262	S	S	55	55
Endive, Green Curled	2261	S	S	70	70
Squash, Gregory's Improved Hubbard	2264	S	S	..	75
HOLBROOK GROCERY CO., Keene					
Holbrook Grocery Co., Keene					
Beans, Vermont Cranberry	1775	S	S	80	75
Beans, Wax Podded Bush	1778	S	S	85	75
Corn, Golden Bantam	1779	S	S	90	75
Lima Beans, Burpee's Bush	1781	S	S	85	70
Peas, Nott's Excelsior	1780	S	S	90	80

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LANDRETH SEED CO., Philadelphia, Pa.					
Bryant & Lawrence, Tilton					
Beans, Pencil Pod Wax	2016	S	S	..	75
Carrot, Long Orange	2017	S	S	..	55
Cucumber, Marketer	2018	S	S	..	80
New Zealand Spinach	2019	S	30	..	40
Peas, Gradus	2015	S	S	86	80
Hauslines Grain, Nashua					
Lettuce, Black Seeded Simpson	1725	None	S	80	80
Parsnip, Sugar or Hollow Crown	1724	None	56.5	60	60
JOHN D. LYON, INC., Belmont, Mass.					
Laconia State School, Laconia					
Lettuce, Iceberg	1657	None	0	..	80
N. H. State Hospital Farm, Concord					
Lettuce, Imperial	1743	S	0	..	80
Peppers, Italian Sweet	1745	S	5	..	55
Peppers, World Beater	1746	S	41	..	55
JOHN D. LYON, INC., Waltham, Mass.					
N. H. State Hospital Farm, Concord					
Beans, French Horticultural	1666	S	61	..	75
Carrot, Hutchinson XXX	1670	S	40.5	..	55
Cucumbers, Straight 8	1671	S	69	..	80
Squash, Blue Hubbard	1667	S	20	..	75
Squash, Summer Straightneck	1668	S	18	..	75
Squash, Golden Delicious	1669	S	44	..	75
MANDEVILLE & KING CO., Rochester, N. Y.					
Dover Hardware, Dover					
Carrot, Danvers Half Long	1836	S	S	60	55
Onion, White Portugal	1835	S	S	75	70
Radish, Scarlet Globe	1837	S	S	80	75
Esersky's Hardware & Plumbing Supply, Claremont					
Lettuce, Big Boston	2087	S	S	85	80
Peppers, California Wonder	2086	S	S	65	55
J. P. Pitman & Co., Laconia					
Beans, Sure Crop Bush Wax	2037	S	S	80	75
Peas, Gradus	2038	S	S	85	80
Spinach, Bloomsdale Savoy Leaved	2036	S	S	65	60
Swiss Chard, Lucullus	2035	S	S	70	65
C. P. Stevens Hardware, Franklin					
Carrot, Chantenay Long	2044	S	S	60	55
Corn, Golden Bantam	2039	S	S	..	75
Muskmelon, Early Bender	2046	S	S	80	75
Radish, Icicle	2045	S	S	80	75
Wendell's, Portsmouth					
Beans, Giant Stringless Green Pod	1927	1950	S	80	75
Cucumber, Long Green	1929	1950	S	85	80
Parsnip, Hollow Crown	1924	1950	S	65	60
Tomato, Bonny Best Early	1931	1950	S	80	75
MARTIN'S HARDWARE, Newport					
Martin's Hardware, Newport					
Beets, Blood	2108	S	S	..	65
Carrot, Danvers Half Long	2109	S	S	..	55
Cucumber, Straight 8	1957	S	S	..	80
MERRIMACK FARMERS' EXCH., INC., Concord, N. H.					
Merrimack Farmers' Exch., Inc., Bradford					
Cauliflower, Early Snowball, 3-1-D	1958	S	S	..	75
Muskmelon, Granite State, 1-1-C	1954	S	S	..	75
Spinach, King of Denmark, 3-1-D	1956	S	S	..	60
Squash, Table Queen, 3-1-D	1955	S	S	..	75

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Merrimack Farmers' Exch., Inc., Claremont					
Beans, Plentiful, 3-1-C	2012	S	S	..	75
Beans, Red Kidney, 26-1-C	2013	S	S	..	75
Beans, Burpee's Stringless Green Pod, 3-1-D	2014	S	S	..	75
Peas, Laxton's Progress, 3-1-C	2011	S	S	..	80
Merrimack Farmers' Exch., Inc., Epping					
Beans, Kentucky Wonder Green Pole, 3-1-D	1872	S	S	..	75
Cabbage, Golden Acre, 2-1-C	1873	S	S	..	75
Corn, Northland, 7-1-D	1871	S	S	..	75
Cucumber, Boston Pickling, 3-1-D	1874	S	S	..	80
Merrimack Farmers' Exch., Inc., Epsom					
Cabbage, Danish Ballhead, 25-1-C	2004	S	S	..	75
Endive, Green Curled, 2-1-C	2003	S	S	..	70
Merrimack Farmers' Exch., Inc., Henniker					
Beet, Winter Keeper, 3-1-D	2146	S	S	..	65
Broccoli, Green Sprouting, 3-1-D	2143	S	S	..	75
Lettuce, Great Lakes, 3-1-C	2144	S	S	..	80
Onion, Southport White Globe, 25-1-C	2145	S	S	..	70
Merrimack Farmers' Exch., Inc., Manchester					
Cucumber, Long Green, 3-1-C	2150	S	S	..	80
Pumpkin, Conn. Field, 2-1-C	2147	S	65	..	75
Rutabaga, Am. Imp. Yellow, 3-1-D	2148	S	S	..	75
Squash, Warren Turban, 1-1-D	2149	S	S	..	75
Merrimack Farmers Exch., Inc., Milford					
Beans, Flash, 36-1-C	1985	S	65.5	..	75
Corn, Marcross, 1-1-C	1987	S	S	..	75
Lettuce, Great Lakes, 3-1-D	1988	S	S	..	80
Lima Beans, Fordhook Bush, 3-1-D	1986	S	S	..	70
Merrimack Farmers' Exch., Inc., Peterboro					
Beet, Early Wonder, 3-1-C	1810	S	S	..	65
Carrot, Long Orange, 3-1-D	1807	S	S	..	55
Corn, Carmelcross, 3-1-D	1809	S	S	..	75
Peas, World's Record, 3-1-C	1808	S	S	..	80
Merrimack Farmers' Exch., Inc., Pittsfield					
Beet, Detroit Dark Red, 3-1-C	1865	S	S	..	65
Cabbage, Early Round Dutch, 25-1-D	1864	S	S	..	75
Carrot, Imperator, 3-1-D	1863	S	S	..	55
Tomatoes, Bonny Best, 3-1-D	1866	S	S	..	75
Merrimack Farmers' Exch., Inc., Plymouth					
Beet, Long Season, 30-1-D	2068	S	S	..	65
Carrot, Nantes Golden Beauty, 3-1-D	2069	S	S	..	55
Endive, Deep Heart, 3-1-D	2071	S	S	..	70
Lettuce, Pennlake, 3-1-D	2070	S	S	..	80
Merrimack Farmers' Exch., Inc., Rochester					
Broccoli, Green Sprouting, 103-1-C	1960	S	S	..	75
Carrots, Hutchinson, 2-1-C	1961	S	S	..	55
Cucumber, Marketer, 1-1-D	1962	S	S	..	80
NORTHRUP, King & Co., Minneapolis, Minn.					
W. E. Aubuchon, Derry					
Beans, Improved Golden Wax	1706	S	69	..	75
Corn, Extra Early Golden Bantam	1707	S	S	..	75
Lettuce, Prizehead or Bronze Leaf	1703	S	S	..	80
Peas, Everbearing	1708	S	72	..	80
Radish, Sparkler	1702	S	S	..	75
Radish, White Icicle	1704	S	S	..	75
Swiss Chard, Fordhook Giant	1705	S	S	..	65
Center Ossipee Market, Center Ossipee					
Beans, Kentucky Wonder Pole	2210	S	S	..	75
Lettuce, Grand Rapids	2209	S	S	..	80
Peas, Progress (Imp. Laxtonian)	2211	S	S	..	80
Milligan & Currier, Manchester					
Muskmelon, Hearts of Gold	1765	S	71.5	..	75
Pumpkin, Conn. Field	1766	S	S	..	75
Turnip, Purple Top Strap Leaved	1764	S	S	..	80

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Moreau's Hardware, Manchester					
Corn, Country Gentleman	1770	S	S	..	75
Onion, Large White Globe	1767	S	S	..	70
Peas, Little Gem	1771	S	S	..	80
Peas, American Wonder	1772	S	S	..	80
Tomato, Stone	1769	S	S	..	75
Turnip, Purple Top Strap Leaved	1768	S	S	..	80
L. L. Peavey Co., Inc., Portsmouth					
Cucumber, Early Cluster	1876	S	S	..	80
Lettuce, Improved Hanson Head	1878	S	S	..	80
Squash, Buttercup	1877	S	S	..	75
Turnip, Purple Top White Globe	1879	S	S	..	80
F. W. Woolworth Co., Nashua					
Beans, Improved Golden Wax	1642	S	70	..	75
Lettuce, New York Special	1641	S	77	..	80
THE PAGE SEED CO., Greene, N. Y.					
Gardner Hardware, Concord					
Radish, Scarlet Globe	1895	S	S	85	75
Squash, Zucchini, Black	1894	S	S	85	75
Hausline's Grain Co., Nashua					
Cauliflower, Early Snowball	1727	S	S	75	75
Celery, Fordhook or Emperor	1726	S	S	75	55
Joslin Hardware Co., Wilton					
Beet, Crosby's Egyptian	2066	S	S	75	65
Parsnip, Hollow Crown	2063	S	S	80	60
Spinach, King of Denmark	2065	S	66.5†	80	60
Tomato, Golden Queen	2064	S	S	75	75
Tomato, Marglobe	2067	S	S	75	75
O. F. Porter, Wolfeboro					
Beans, Page's Improved Golden Wax	2245	S	S	80	75
Lima Beans, Burpee's Bush	2246	S	72†	85	70
Squash, Improved Hubbard	2247	S	S	85	75
G. W. Robie, Hooksett					
Beans, Top Notch Golden Wax	1750	S	S	80	75
Beet, Egyptian Blood	1751	S	66†	85	65
Swiss Chard, Large White Rib	1749	S	S	80	65
C. P. Stevens Hardware, Franklin					
Cucumber, Boston Pickling	2040	S	S	85	80
Swiss Chard, Large White Rib	2041	S	S	80	65
Beet, Detroit Dark Red	2042	S	S	85	65
Turnip, Yellow Globe or Stone	2043	S	S	..	80
H. W. Taylor, Hinsdale					
Corn, Golden Bantam, B-73850	1688	S	S	90	75
Peas, Sutton's Excelsior, C-24-9049	1687	S	S	80	80
F. M. Weeks & Son, Meredith					
Beet, Early Wonder	2082	S	S	65	65
Lettuce, Early Prizehead	2080	S	S	85	80
Muskmelon, Emerald Gem	2081	S	S	85	75
Parsley, Moss Curled	2083	S	S	80	60
PARK & POLLARD, Biddeford, Maine					
Farmers' Feed & Supply Co., Colebrook					
Beans, Pencil Pod Black Wax	2231	S	S	86	75
Farmers' Feed & Supply Co., Berlin					
Beans, Dwarf Horticultural	2180	S	S	..	75
Corn, Golden Bantam	2183	S	S	..	75
Peas, Gradus	2179	S	S	..	80
Peas, Blue Bantam	2181	S	S	..	80
Peas, Tall Telephone	2182	S	S	..	80
PERRY SEED CO., Boston, Mass.					
Industrial School, Manchester					
Cucumber, Boston Pickling	1675	None	S	..	80
Parsnip, Hollow Crown	1673	None	41	..	60

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JEROME B. RICE SEED CO., Cambridge, N. Y.					
Ayers & Jenkins Co., Rochester					
Cucumber, National Association Pickling	2027	S	S	80	80
Dandelion, Improved Thick Leaf	2026	S	S	70	45
Lettuce, White Paris Cos (Romaine)	2024	S	S	85	80
Tomato, Rutgers	2025	S	64	80	75
Roger H. Chagnon, Manchester					
Beans, Giant Stringless Green Pod Bush ...	2131	S	S	75	75
Corn, Golden Bantam	2130	S	S	85	75
Peas, Telephone	2132	S	S	85	80
Peas, Dwarf Laxton's Progress	2133	S	S	..	80
Farmers' Feed & Supply Co., Hillsboro					
Beet, Early Wonder	1790	S	S	..	65
Fox Hardware Co., Penacook					
Broccoli, Italian Green Sprouting	2094	S	S	75	75
Cabbage, Copenhagen Market	2095	S	S	83	75
Carrot, Danvers Half Long	2093	S	S	70	55
Endive, Broad Leaf Batavian	2092	S	S	80	70
Tomato, Earliana	2096	S	S	75	75
Glazier & Fox, Inc., Portsmouth					
Broccoli, Italian Green Sprouting	1886	S	S	75	75
Cabbage, Copenhagen Market	1890	S	S	80	75
Onion, Scallion (White Portugal)	1889	S	S	75	70
E. J. Keegan Co., Franklin					
Asparagus, Mary Washington	2072	S	S	85	70
Beet, Early Wonder	2074	S	S	72	65
Brussels Sprouts	2075	S	S	72	70
Cucumber, Improved Long Green	2076	S	S	85	80
Marcotte Hardware, Epping					
Beans, Giant Stringless Green Pod Bush	1861	S	S	75	75
Parsley, Hamburg Rooted	1892	S	S	65	60
Meredith Grain Co., Meredith					
Beet, Detroit Dark Red	1995	S	S	70	65
Cauliflower, Early Snowball	1997	S	S	75	75
Endive, Moss Curled	1996	S	S	70	70
Neal's Hardware, Dover					
Carrot, Danvers Half Long	1842	S	S	70	55
Cucumber, Boston Pickling	1841	S	S	90	80
Radish, French Breakfast	1843	S	S	85	75
Swiss Chard, Lucullus	1844	S	S	80	65
Tomato, Bonny Best	1845	S	S	75	75
Salem Hardware & Paint Co., Salem Depot					
Carrot, Danvers Half Long	1742	S	S	55	55
Scruggs' Hardware, Woodsville					
Beans, Pencil Pod Black Wax	2202	S	S	83	75
Corn, Golden Bantam	2203	S	S	90	75
Peas, Telephone	2201	S	67	84	80
Thompson & Hoague Co., Concord					
Cabbage, Early Jersey Wakefield	1898	S	S	80	75
Squash, Early Summer Crookneck	1899	S	S	80	75
Tillotson's, Groveton					
Cabbage, Rock Red	2260	S	S	90	75
Lettuce, Prizehead	2258	S	S	90	80
Parsnip, Hollow Crown	2259	S	49.5	..	60
Radish, Sparkler White Tip	2257	S	S	85	75
V. E. Trace Hardware, Pittsfield					
Lettuce, Early Curled White Seeded Simpson	1904	S	S	85	80
Radish, Crimson Giant	1905	S	S	80	75
Spinach, Giant Thick Leaf	1906	S	S	65	60

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Wirthmore Grain Co., Nashua					
Cabbage, Danish Ballhead (Hollander)	1686	S	S	80	75
Lettuce, Grand Rapids	1683	S	S	85	80
Onions, Large Red Wethersfield	1685	S	S	75	70
Parsnip, Hollow Crowned (Large Sugar)	1684	S	S	65	60
ROBSON SEED FARMS, Hall, N. Y.					
Merrimack Farmers' Exch., Inc., Concord					
Corn, Lee Hybrid Sweet, 3139, 24-1-D	1662	S	S	94	75
SEARS, ROEBUCK & CO., Chicago, Ill.					
Sears, Roebuck & Co., Keene					
Cabbage, Early Jersey Wakefield	1717	S	S	80	75
Carrot, Nancy Coreless	1715	S	S	55	55
Eggplant, Black Beauty	1711	S	S	65	60
Lettuce, Slobolt	1716	S	S	80	80
Onion, Southport White Globe	1713	S	S	75	70
Parsley, Moss Curled	1710	S	S	65	60
Parsnip, Hollow Crown	1718	S	S	65	60
Onion, Red Wethersfield	1714	S	S	75	70
Radish, Early Scarlet Globe	1712	S	S	80	75
Turnip, Purple Top White Globe	1709	S	S	80	80
STUMP & WALTER CO., New York, N. Y.					
N. H. State Hospital Farm, Concord					
Lettuce, New York Wonderful	1748	1950	S	85	80
J. B. VARICK CO., Manchester, N. H.					
Calef's Store, Barrington					
Beans, Pencil Pod Black Wax	2121	S	S	..	75
Corn, Golden Bantam	2120	S	S	90	75
Peas, World's Record	2122	S	73	89	80
Peas, Dwarf Telephone	2123	S	59	80	80
J. B. Varick Co., Manchester					
Beans, Golden Wax	1799	S	72	85	75
Beans, Pencil Pod Black Wax	1800	S	S	87	75
Beans, Kidney Wax	1805	S	S	85	75
Beans, Red Kidney	1806	S	S	88	75
Corn, Golden Sunshine	1798	S	S	90	75
Corn, Black Mexican	1801	S	S	90	75
Corn, Stowell's Evergreen	1803	S	S	90	75
Peas, World's Record	1804	S	65	89	80
F. H. WOODRUFF & SONS, INC., Milford, Conn.					
G. N. Bartemus Co., Concord					
Beans, Improved Yellow Eye, 36894	1635	S	S	90	75
Beans, Pencil Pod Black Wax, 5-119	1637	S	S	85	75
Corn, Golden Bantam, 34241	1636	S	S	95	75
Checkerboard Feed Store, Manchester					
Beets, Crosby Egyptian	1867	S	S	80	65
Cucumber, Boston Pickling	1869	S	S	90	80
Lettuce, Iceberg	1868	S	S	90	80
Squash, Table Queen	1870	S	S	85	75
General Mills, Inc., Exeter					
Corn, Golden Cross Bantam	2117	S	S	90	75
Corn, 60-day Golden	2118	S	S	90	75
Corn, Golden Bantam	2119	S	S	90	75
Peas, Nott's Excelsior	2115	S	S	90	80
Peas, Little Marvel	2116	S	S	..	80
Pumpkin, Small Sugar	2114	S	S	90	75
General Mills, Inc., Nashua					
Beans, Black Wax	1680	S	S	87	75
Peas, Laxton's Progress	1679	S	S	75	80
Keene Grain Co., Keene					
Beets, Detroit Dark Red, 36015	1739	S	S	80	65
Carrot, Imp. Long Orange	1740	S	S	67	55
Squash, Early Summer Crookneck	1738	S	S	90	75

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Merrimack Farmers' Exchange, Inc., Concord					
Beans, Round Pod Kidney Wax	1626	None	S	79	75
Beans, Golden Wax Improved	1627	None	60	76	75
Beans, Tenderlong	1628	S	S	77	75
Beans, Rival	1629	None	67	..	75
Corn, Hybrid Golden Cross Bantam, 7674	1661	S	S	90	75
Corn, Hybrid Marcross, Idaho, 3-2-D	1663	S	S	90	75
Lima Beans, Fordhook Bush	1630	S	47	90	70
Peas, Little Marvel	1631	S	S	90	80
Peas, Improved Telephone	1632	S	S	90	80
Peas, Dwarf Telephone	1633	S	S	..	80
Osgood Hardware, Nashua					
Lettuce, Simpson	1634	S	67.5	..	80
Nashua Hardware, Nashua					
Parsnip, Hollow Crown	1638	S	S	75	60
S. D. WOODRUFF & SONS, INC., Orange, Conn.					
Checkerboard Feed Store, Lancaster					
Corn, Golden Bantam	2223	S	S	80	75
Lima Beans, Fordhook Bush	2224	S	S	75	70
Seavey Hardware, Dover					
Cucumber, Boston Pickling	1834	S	S	80	80
Veilleux Hardware, Claremont					
Asparagus, Mary Washington	2090	S	S	75	70
Cucumber, Marketer	2088	S	S	80	80
Muskmelon, Hale's Best	2089	S	S	75	75
Radish, White Icicle	2091	S	S	80	75

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